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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
DONALD C. D. CHANG, et al.

Serial No. 09/652,862

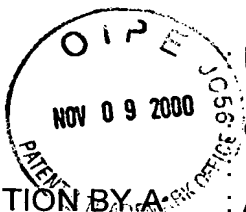
Filed: August 31, 2000

For: RAPID USER ACQUISITION BY A  
GROUND-BASED BEAMFORMER

Date: November 6, 2000

Group Art Unit: 2682

ATTN: BOX MISSING PARTS



RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION  
FILING DATE GRANTED

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Notice To File Missing parts of Application 09/652,862, dated October 18, 2000, Applicant hereby submits the following:

MISSING PARTS:

Applicant submits herewith one (1) Combined Declaration For Patent Application And Power of Attorney in response to the Notice To File Missing Parts of Application. A copy of the Notice is also enclosed herewith.

ASSIGNMENT:

Please record the enclosed Assignment from the inventors, DONALD C. D. CHANG, ALAN CHA, YING FERIA, to Hughes Electronics Corporation and return the recorded document to the undersigned at the address indicated below. Also enclosed is the required Recordation Form Cover Sheet for the Assignment. The Assignment is to be recorded in the name of Hughes Electronics Corporation. The authorization to charge the \$40.00 fee for the Assignment to the Hughes Electronics Corporation deposit account is on the Recordation Form Cover Sheet.

FEES:

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation in the amount of **\$130.00** to cover the applicable fees for the late filing of missing parts (\$130.00).

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383. A duplicate copy of this Response is submitted for this purpose.

CUSTOMER NUMBER 020991:

Please associate the application with Customer Number 020991.

Respectfully submitted,  
DONALD C. D. CHANG, et al.

By: 

MICHAEL W. SALES, Registration No. 30,213  
Attorney for Applicants

HUGHES ELECTRONICS CORPORATION  
Bldg. 001, M.S. A109  
P.O. Box 956  
El Segundo, CA 90245-0956  
(310) 662-9919

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to The Assistant Commissioner for Patents, Washington, D. C. 20231, on November 6, 2000.

  
Michael W. Sales, Registration No. 30,213

November 6, 2000  
Date of Signature



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/652,862	08/31/2000	Donald C. D. Chang	PD-200084

020991  
HUGHES ELECTRONICS CORPORATION  
PATENT DOCKET ADMINISTRATION  
BLDG 001 M/S A109  
P O BOX 956  
EL SEGUNDO, CA 902450956



## FORMALITIES LETTER



\*OC000000005483189\*

Date Mailed: 10/18/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

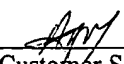
FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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11/14/2000 KZENDIE 00000001 500363  
01 FC:105 130.00 CH